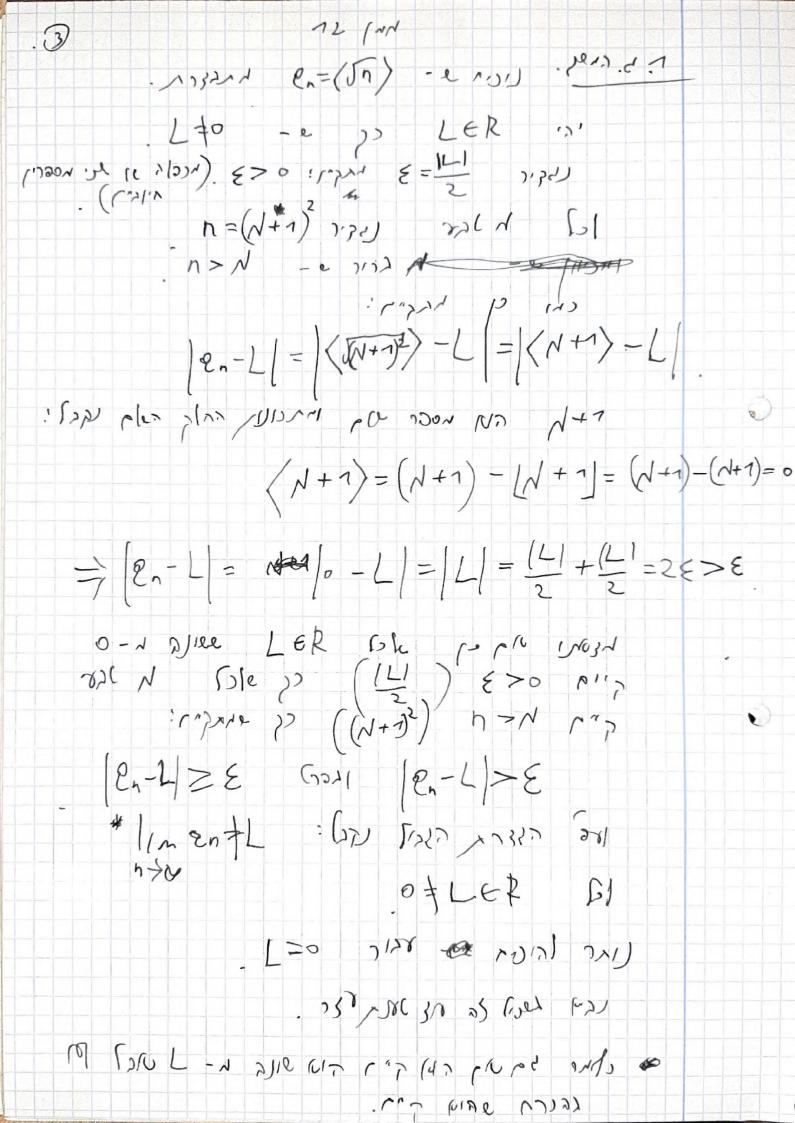
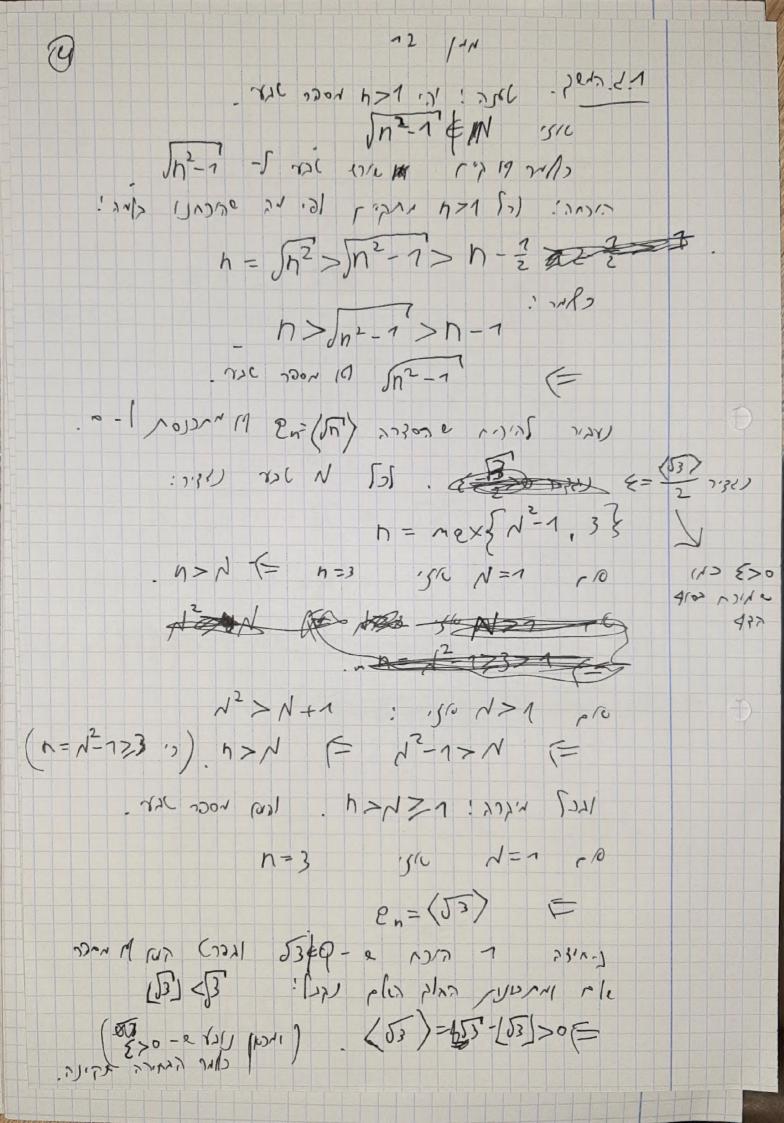


12 (11 |2n-L|≥E N Sole po E>0 17 LER (ii) にかいしい かり からいり かん 18-7 5 E 1. P. Juc: 15 1 22 Mais: 1 R2-1 > R - 2 : 1 2 N 1 4 ( < > 1 5) : NN 1) 1200 Je du de) 14 1/4 (c- 2> 7/2>0 : 137 18 26 18 1211 1000 1 R-1>(1-2)=12-1(+4) S K-1 > # = E = 2> 1+= q 60 = (c2+1x-7>(c2+ = = F 12-1>12-14-9 = (x2-17(x-\frac{1}{2})^2 (= : 00 e [11.24] : 27/2 ) 1/1 DNG (1) 1<2-7 >0 PC1 





3 = (53) = (53) + (53) = @28> 8 ( ) ( ) المروالا مرام ( ) المرام ( ) المروالا مرام ( ) المرام ( ) (5n)=n1-[n]>0 F = כמו כן מנומה שהינתנו וחל נקבל:  $N = \int N^2 = \int n + 1 > \int n^2 = \int \lambda^2 - 1 > \lambda - \frac{2}{2}$  $N > \sqrt{h} > (N-1) + \frac{1}{2} > N-1$ المردول درام دوام وادلا: 18-1-(In)-0=(In)>E:21/1)

 $\frac{(\sqrt{3})}{2} \underbrace{\xi70}_{717} \underbrace{L=0}_{7188} \underbrace{\eta188}_{1800} \underbrace{\eta20}_{1800} \underbrace{\eta38}_{1800}$   $\underbrace{(\sqrt{3})}_{2} \underbrace{\xi70}_{717} \underbrace{\eta188}_{1800} \underbrace{\eta188}_{$ Jen 11

3  $\frac{2h^{3}-5h^{5}+9}{2h^{4}-4h^{3}-1}=0$ :NIL (0.2  $\begin{array}{c|c}
\begin{pmatrix} y & h \\ y$  $= \frac{1}{n^{2}} \left( \frac{2}{n^{2}} - \frac{5}{n^{2}} + \frac{9}{n^{2}} \right) = \frac{1}{n^{2}} \frac{2}{n^{2}} - \frac{1}{n^{2}} \frac{5}{n^{2}} + \frac{1}{n^{2}} \frac{9}{n^{2}} + \frac{1}{n$  $\frac{0 - 0 + 0}{0 - 4 - 0} = \frac{0}{-4} = 0.$  (2)?) 1(2) 0 -1 0 Det (en) = = 2 1730) (ch= 1 700/ 12,07 (pm= = 7 1/4) 121.0 LT - 1/3/07 CON 30 0-1 Drue 1/2/2 (C) = - 1/2 ) · (0 -5 /13/01 /13/01 -28/ 1 cm per 9 103.7 10 4000 B 121 8001 ((6) com 1) 10801 him (03) (20)  $\frac{1}{(1/h)^{2}} = \frac{5}{4} - \frac{1}{(1/h)^{3}} - \frac{1}{(1/h)^{3}} - \frac{1}{(1/h)^{3}} = \frac{5}{4} - \frac{1}{(1/h)^{3}} - \frac{1}{(1/h)^{3}}$ נהלן מונה ומעה ג- דא ונהל:

$$\frac{2h^{3}-5h^{5}+9}{2h^{4}-4h^{5}-JT} = \frac{2h^{2}-5+n^{5}}{h^{2}} = \frac{n^{2}(n^{2})}{h^{2}}$$

$$= \frac{1}{n^{2}} \left( \frac{1}{n^{2}} - 5 + \frac{9}{n^{5}} \right) = \frac{1}{n^{2}} \left( \frac{1}{n^{2}} - \frac{1}{n^{5}} + \frac{9}{n^{5}} \right)$$

$$= \frac{1}{n^{2}} \left( \frac{1}{n^{2}} - 5 + \frac{9}{n^{5}} \right) = \frac{1}{n^{2}} \left( \frac{1}{n^{2}} - \frac{1}{n^{2}} + \frac{1}{n^{2}} + \frac{9}{n^{2}} + \frac{1}{n^{2}} + \frac{1}{$$

12 (d) 32 x(1): 32  $J_{n^{2}+2n^{2}} - J_{n^{2}-2n^{2}} = \frac{4n}{J_{n^{2}+2n^{2}} + J_{n^{2}-2n^{2}}} = \frac{4n}{J_{n^{2}+2n^{2}}} = \frac{4n}{J_{n$ UJn  $= \frac{1}{5n+2} + \frac{1}{5n-2}$ : (12(12 -1-12) 05/h-2 < 5n+2 : 0.32 1)  $\frac{45n}{2\sqrt{n+2}} < \frac{45n}{5n+2} < \frac{45n}{25n-2} = \frac{45n}{25n-2}$ ile como relas la disse (12 - 1m 2 · 1m h) h > 20 2 Jh - 2 h > 20 h - 2 : ( \* 211 | 2 ).  $\frac{1}{1} \frac{1}{n+2} = \frac{1}{n+2} \frac{1}{n+2} = \frac{1}{n+2} = \frac{1}{n+2} \frac{1}{n+2} \frac{1}{n+2} \frac{1}{n+2} = \frac{1}{n+2} \frac{1}$ : ( - prol 13614 1-2 1/2) 10 151 Crase 200  $n > n-2 > 0 \implies \frac{n}{n-2} > 1 \implies$  $= \int_{0.2}^{1} \int_{0.2}^{1} = 1$ : ( ) on o 151 con 20/2  $1 < \sqrt{\frac{n}{n-2}} < \frac{n}{n-2}$ (Dery 1 by (,713,45) (11/3) to you had  $\frac{(m)^{\frac{n}{2}}}{n+2} = \frac{1}{2} =$ 

 $\frac{1}{n+2} \frac{1}{n+2} = \frac{1}{n+2} \frac{1}{n-2} = 1 : [2n] 2.29 Gul .240.6.2$ 1/m = 1/m = 1/m 5/m = 1/m  $= \left( 1 \int \frac{h}{n+2} \right)$  $\frac{1}{n+2} = \frac{1}{n+2} = \frac{1}$ (m) = 1 : Liv 310 ادمه اله ١٥١٥ - الما: (عديد) على الما - وحديد المعالم  $\lim_{n \to \infty} \frac{40n}{2\sqrt{n+2}} = \lim_{n \to \infty} 2\sqrt{n+2} = 2$ 1 m 25h = 1 m 2 m = 2 : (710 @ |1.110 .1041 (.11310) CON BYI  $(m \int n^2 + 2h - n^2 - 2n^2 - (im 4 J h) = 2$ 

ما دن 30 100 mas (3) 17 mm 3.2 n2 >2n+1 110) 25 > 10 choling 1000 1700 ענים לפונין דעיר בבח אני שב (n+1)=1+2n+1>2n+1+1n+1=4n+2 न्यन् व्याप्ताद्वरः 2n>3 (= 4112 nzz (= n>1 :/> 1/3) 1/27 5001 - 4n>2h+3 = \$2(n+1)+7 =1  $(n+7)^{2} > 4n+2 > 2(n+1)+1$ 15/ 10 mb. 1: L+47/2 1  $\lim_{n \to \infty} \frac{2n+n}{2^n} = 0$   $\frac{1}{2}$   $\frac{2n}{2}$  $-0<\frac{2h+1}{2h}<\frac{h^2}{2h}$ 1/2 1/2 = 0 '( pm 2.4) 2/01 5/ 1/2 2 h+7 = 0 : (32) (1/20) (30)

: 5 cm (ch) miso miso . 5 cm 5.2  $C_n = \begin{cases} c_n = 1 & n < 5 \\ c_n = 2^n - h^2 & n \ge 5 \end{cases}$ [ cn 70 | h | sol :200 عدر الحال المرا الال المرا الرا الرا الرا المرا المر En+1= [-h-2h-1>2n+1/2-n2)  $\geq C_{n+1} = 2^{n+1} - (n+1)^2 = 2^{n+1} - n^2 - 2n - 7 >$  $>2^{n+1}-2n^2=2(2^n-n^2)=2C_n>0$ [ 1 2 2 2 2 1 ( PE ) 2 1 ( PE) = \frac{2-0-0}{1-0} = 2 = \frac{1}{1} 2.4.9 Aprox 60 1165 11-669 chome 5 - encl

(1m) 2n-n2= 11hcn= 2. En= h : (En) 1730 1711 .7.2 1 (men = 1 m 7 + 3 = 1 m) 1 m = 1 - 1 = 1 m) 1 m = 1 m = 1 m = 1 m) 1 m = 1 m  $b_n = \frac{\sum_{i=1}^{n} \frac{1}{i+3}}{\sum_{i=1}^{n} \frac{1}{i+3}} = \frac{1}{n} \sum_{i=1}^{n} \frac{1}{i+3} \frac{1}{i+3}$ (64) (5 Circus (20112) (20) (64) In ho = lines = 1 : () MI (MI) MA  $\frac{1}{n+2} = \frac{n}{n+2} = \frac{n}$ 1/2 h = 1.1 = 1.

(3,501) Red 401. 9 11/2 +6.2) . 101. 2.2  $\frac{1}{n+2} = \frac{1}{k+3} = \frac{1}{n+2} = 0$ Out volue deste apres pirale 1700/ 14000 ていて して以上

12 /M

-7 (Chr) 6, 12/6 6 (chr)

( P) - ( C) . (

 $(b_n) = \begin{cases} b_n = 2 & 215 & n \\ b_n = 2 & 215 & n \end{cases}$   $(2) \begin{cases} b_n = 2 & 215 & n \\ 215 & 215 & n \end{cases}$ 

3

7 L PM Palon= 7.2=1 : 115 4 51 10 100 enbn = 1.7 = 1 : 1/1/10 h 5511 : n: 131 m/s 1/4 1/2 1 2.11 AM SY دم دا دا عد دوودار مرادرا الرا دا مال ما ودم (10) 19 / 100 MODE (10) (10) \$ (1701 so (29) proverov: (LER). L Tross rossin (en) - e - (U) E for my con at you of 160 h x 4 hx 649 ! 12n-L/2 : copre so ha e 12 Na>N 51 : 201) - Pn- 12 | Pn-L < 8 :127 4 726 P> > (2)(1 · 2n=1 7=[-1=|en-enz|=|en-L)+(L-enz|=|en-L+L-enz|= 

12 (" Profile == (62) men (11/4 / 12/2) ( (lon) : 25/21 : (lon) 1/58 1527) 1757 2 mal . n.yo isi 1 < T 401/6; In 2014 Brails. בש, השתה לכונה. 1621 (1016) 1/0/1 / 1/0/1 / 1/0/6 1 - 1/2 by - 0 (menbn=1: [2]) 30 /5 (N) 16,2 5,21 En = Enbor En = 7.0 = 0

18 . 7/101 (9 sola .3.3 : 177) (cde)? 2 = (-1) : ma 1 / 1/1/2 1730 > (en) = 2 6n=(-2)n: 13/14 (6n) 121 Enlon = (-7) (-7) n = (-7) = 1. => | 112 Palon = 1 [ 33/1 (9 /mbn) /mbn=00 : 1-3~ (0) (201) . who retur. 5.3 n [ (20) (20) 2/1/ (80) ~10 10 4000 le 2010 KEICER el 0017 12/1 .13> Nux : c-b-4 20 v (2) [1.3

. 2 ( ~~

bn = 2n6n = .

1/2 enbn = 170 : 1/2) 56

5 67 8, >0 (21 8n ->0 : 10 11)

15 (10 top 10 ) sall omason (15):

 $\left| \ln \frac{\pi}{e_n} = 0 \right|$ 

1/2) 1/2 Noor - 4/6. ((c):

11m6n = 11m 2.6n = 00 n 76 n = 0 = 0 = 0 . N/12) DMC = 1 = 1,000

